T BOOK

nsions		Contents	Reference to last Measurement
Breadth	Depth		
5	6	7	8

Bill No 1st and Final

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190647

Serial No. BR-106/31-5-14

Name of work Improvements to Roads and drains at Bhuvaneshwarinagara main Road From ..... To .....

Name of Contractor of nature of Agency ..... K.R.I.D.L ..... R.H.S in W.No.66

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work Code No: 006-14-000026						
	Work order No: 391/13-14/21.02.2014						
	Est Amt: 60.00 Lakhs						
	Date of Recording: 4.5.2014						
	1) Earthwork excavation by manual means in hard soil including an average horizontal throw up to 2 m and an average lift upto 0.5m excavated surface leveled neatly after breaking of clods complete as per specification and direction of engineer in charge of the work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road 1	2	30.00	0.45	0.30	8.10	
		2	30.00	0.45	0.40	10.80	
		2	30.00	0.45	0.35	9.45	
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	13.50	
		2	30.00	0.45	0.30	12.15	
		2	30.00	0.45	0.35	9.45	
		1	30.00	0.45	0.45	12.15	
		2	28.30	0.45	0.35	8.81	
	Cross Road 2	2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.30	8.10	
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.40	10.80	
		2	30.00	0.45	0.35	9.45	
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.35	9.45	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Cross Road 3
	Cross Road 4
	Cross Road 5
	Cross Road 6

ENT BOOK

imensions			Contents	Reference to last Measurement
h	Breadth	Depth		
	5	6	7	8
00	0.45	0.30	8.10	
0	0.45	0.40	10.80	
0	0.45	0.35	9.45	
0	0.45	0.45	12.15	
0	0.45	0.45	13.50	
0	0.45	0.30	12.15	
0	0.45	0.35	9.45	
0	0.45	0.45	12.15	
0	0.45	0.35	8.91	
0	0.45	0.45	12.15	
0	0.45	0.30	8.10	
0	0.45	0.45	12.15	
0	0.45	0.40	10.80	
0	0.45	0.35	9.45	
0	0.45	0.45	12.15	
0	0.45	0.35	8.45	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190648

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	38.50	0.45	0.45	15.59	
	Cross Road 3	2	30.00	0.45	0.35	9.45	
		2	18.80	0.45	0.45	7.61	
	Cross Road 4	2	30.00	0.45	0.35	9.45	
		2	30.00	0.45	0.30	8.10	
		2	19.60	0.45	0.30	5.29	
	Cross Road 5	2	30.00	0.45	0.30	8.10	
		2	30.00	0.45	0.30	8.10	
		2	7.70	0.45	0.30	2.08	
	Cross Road 6	2	30.00	0.45	0.30	8.10	
		2	30.00	0.45	0.35	9.45	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	13.00	0.45	0.30	3.51	
	Cross Road 7	2	30.00	0.45	0.40	10.80	
		2	30.00	0.45	0.35	9.45	
		2	12.10	0.45	0.30	3.27	
	Cross Road 8	2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.40	10.80	
		2	13.20	0.45	0.35	4.16	
	Cross Road 9	2	30.00	0.45	0.30	8.10	
		2	30.00	0.45	0.30	8.10	
		2	13.40	0.45	0.30	3.62	
	Cross Road 10	2	30.00	0.45	0.30	8.10	
		2	30.00	0.45	0.30	8.10	
		2	30.00	0.45	0.35	9.45	
		2	22.00	0.45	0.45	8.91	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
	Berm cutting Cross Road 11	
	Cross Road 2	

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
13·00	0·45	0·30	3·51	
30·00	0·45	0·40	10·80	
30·00	0·45	0·35	9·45	
12·10	0·45	0·30	3·27	
30·00	0·45	0·45	12·15	
30·00	0·45	0·40	10·80	
13·20	0·45	0·35	4·16	
30·00	0·45	0·30	8·40	
30·00	0·45	0·30	8·10	
3·40	0·45	0·30	3·61	
30·00	0·45	0·30	8·10	
30·00	0·45	0·30	8·10	
30·00	0·45	0·35	9·45	
22·00	0·45	0·45	8·91	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190649

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Dimensions Depth 6	Contents 7	Reference to last Measurement 8
	Berm cutting Cross Road 1	2	30·00	0·85	0·30	17·10	
		2	30·00	1·00	0·25	15·00	
		2	30·00	1·25	0·30	22·50	
		2	30·00	1·30	0·25	19·50	
		2	30·00	1·00	0·30	18·00	
		2	30·00	1·00	0·25	15·00	
		2	30·00	1·30	0·25	19·50	
		2	30·00	1·25	0·20	15·00	
		2	28·30	1·30	0·30	22·07	
	Cross Road 2	2	30·00	1·20	0·25	18·00	
		2	30·00	1·00	0·20	12·00	
		2	30·00	1·35	0·30	24·30	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	1.25	0.25	18.75	
		2	30.00	1.00	0.30	18.00	
		2	30.00	1.25	0.25	18.75	
		2	30.00	0.80	0.30	16.20	
		2	38.50	1.20	0.30	27.72	
	Cross Road 3	2	30.00	1.00	0.30	18.00	
		2	18.30	0.80	0.25	8.24	
	Cross Road 4	2	30.00	1.00	0.15	9.00	
		2	30.00	1.00	0.25	15.00	
		2	18.60	0.80	0.30	10.58	
	Cross Road 5	2	30.00	1.20	0.30	21.60	
		2	30.00	0.80	0.25	13.50	
		2	13.00	0.80	0.30	7.40	
	Cross Road 6	2	30.00	0.80	0.25	13.50	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Cross Road 7
	Cross Road 8
	Cross Road 9

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
1·25	0·25	18·75	
1·00	0·30	18·00	
1·25	0·25	18·75	
0·80	0·30	16·20	
1·20	0·30	27·72	
1·00	0·30	18·00	
0·80	0·25	8·24	
1·00	0·15	8·00	
1·00	0·25	15·00	
0·80	0·30	10·58	
1·20	0·30	21·60	
0·80	0·25	13·50	
0·80	0·30	7·40	
0·80	0·25	13·50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190650

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	30·00	0·80	0·15	8·10	
		2	13·00	0·80	0·32	7·49	
	Cross Road 7	2	30·00	0·60	0·10	3·60	
		2	30·00	0·80	0·25	13·50	
		2	12·10	1·30	0·30	9·44	
	Cross Road 8	2	30·00	1·25	0·25	18·75	
		2	30·00	0·80	0·15	8·10	
		2	13·20	1·00	0·20	5·28	
	Cross Road 9	2	30·00	0·80	0·10	5·40	
		2	30·00	1·25	0·30	22·50	
		2	13·40	1·00	0·10	2·68	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road 10	2	30.00	0.90	0.15	8.10	
		2	30.00	1.30	0.80	23.40	
		2	30.00	1.20	0.30	21.60	
		2	22.00	0.90	0.25	9.90	
	Culverts	1	5.80	2.00	1.20	13.92	
		2	6.00	2.00	1.20	28.80	
		1	6.50	2.00	1.20	15.60	
		1	6.40	2.00	1.20	15.36	
						1043.27 cy	
					Qty limited to	1042.73 cy	
						@ 90.72/cy	94596.00
2)	Removing BS slab drain and stacking cy complete as per specification and direction of the Engineer in charge of work						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	
	Cross Road 1	
	Cross Road 2	

T BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
·0+5·2) / 2	-	153·00	
2+4·5) / 2	-	145·50	
5+4·8) / 2	-	141·00	
8+5·1) / 2	-	110·00	
		5865·92 sq	
Limited to		5857·50 sq	
	@	10·58/sq	61979·00

n 12.20 to the Kg per 10 sq
urface of granular base with
mixed with diesel at 13 kg per
spray Sch C excluding cleaning
erials labour etc complete as per

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190667

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Specification and direction of engineer in charge of work.						
		Qty vide item No: 14				5857.50 sq m	
					@	142.07/sq m	832175·00
(b)	Providing and laying semi dense bituminous concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified graded premixed with bituminous binder at 4.5 to 5% of mix and filler transportation the hot mix to work site laying with a hydrostatic paver finisher with sensor control to the required grade level and alignment rolling with smooth wheeled vibrating and tandem roller to achieve the desired compaction						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	the complete as per specification and direction of engineer in charge of work.						
	cross Road 1	1	30.00	$\frac{(5.5+5.4)}{2}$	0.025	4.09	
		1	30.00	$\frac{(5.4+5.5)}{2}$	0.025	4.09	
		1	30.00	5.50	0.025	4.13	
		1	30.00	$\frac{(5.5+5.55)}{2}$	0.025	4.14	
		1	30.00	$\frac{(5.55+5.5)}{2}$	0.025	4.14	
		1	30.00	$\frac{(5.5+5.3)}{2}$	0.025	4.05	
		1	30.00	$\frac{(5.3+5.5)}{2}$	0.025	4.05	
		1	30.00	$\frac{(5.5+5.2)}{2}$	0.025	4.01	
		1	28.30	$\frac{(5.2+5.3)}{2}$	0.025	3.71	

M. A
M

Serial No. .....

Name of work ..... Fro

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
	cross Road 2	1
		1
		1
		1
		1
		1
		1
		1

REMENT BOOK

	Dimensions			Contents	Reference to last Measurement
r	Length 4	Breadth 5	Depth 6	7	8
		oi and direction of engineer in charge			
	30.00	(5.5+5.4)/2	0.025	4.09	
	30.00	(5.4+5.5)/2	0.025	4.09	
	30.00	5.50	0.025	4.13	
	30.00	(5.5+5.55)/2	0.025	4.14	
	30.00	(5.55+5.5)/2	0.025	4.14	
	30.00	(5.5+5.3)/2	0.025	4.05	
	30.00	(5.3+5.5)/2	0.025	4.05	
	30.00	(5.5+5.2)/2	0.025	4.01	
	28.30	(5.2+5.3)/2	0.025	3.71	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190688

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	CROSS Road 2	1	30.00	5.50	0.025	4.13	
		1	30.00	(5.5+5.5)/2	0.025	4.28	
		1	30.00	(5.5+6.0)/2	0.025	4.46	
		1	30.00	(6.0+5.6)/2	0.025	4.35	
		1	30.00	(5.6+5.2)/2	0.025	4.05	
		1	30.00	(5.2+5.3)/2	0.025	3.84	
		1	30.00	(5.3+5.1)/2	0.025	3.90	
		1	38.50	5.10	0.025	4.91	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road 3	1	30.00	5.30	0.025	3.98	
		1	18.30	5.30	0.025	2.42	
	Cross Road 4	1	30.00	(5.2+5.0)	0.025	3.83	
		1	30.00	(5.0+5.3)	0.025	3.86	
		1	18.60	(5.3+5.5)	0.025	2.65	
	Cross Road 5	1	30.00	(6.0+5.58)	0.025	4.33	
		1	30.00	(5.55+5.6)	0.025	4.18	
		1	7.70	5.60	0.025	1.08	
	Cross Road 6	1	30.00	(5.2+5.0)	0.025	3.83	
		1	30.00	(5.0+4.6)	0.025	3.60	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	Cross Road 7	
	Cross Road 8	

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth	Breadth	Depth		
4	5	6	7	8
·00	5·30	0·025	3·98	
30	5·30	0·025	2·42	
00	(5·2+5·0)/2	0·025	3·83	
00	(5·0+5·3)/2	0·025	3·86	
60	(5·3+5·5)/2	0·025	2·65	
00	(6·0+5·5)/2	0·025	4·33	
00	(5·55+5·6)/2	0·025	4·18	
0	3·60	0·025	1·08	
00	(5·2+5·0)/2	0·025	3·83	
0	(5·0+4·6)/2	0·025	3·60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190669

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		1	13·00	(4·6+5·4)/2	0·025	1·63	
	Cross Road 7	1	30·00	(5·2+5·0)/2	0·025	3·83	
		1	30·00	(5·0+4·4)/2	0·025	3·53	
		1	12·10	(4·4+4·5)/2	0·025	1·35	
	Cross Road 8	1	30·00	(5·5+5·1)/2	0·025	3·98	
		1	30·00	(5·1+5·2)/2	0·025	3·86	
		1	13·20	(5·2+4·5)/2	0·025	1·60	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road 9	1	30.00	(4.70+4.5)	0.025	3.45	
		1	30.00	(4.5+5.6)	0.025	3.79	
		1	13.40	(5.6+4.8)	0.025	1.74	
	Cross Road 10	1	30.00	(5.0+5.2)	0.025	3.83	
		1	30.00	(5.2+4.5)	0.025	3.64	
		1	30.00	(4.5+4.9)	0.025	3.53	
		1	22.00	(4.9+5.1)	0.025	2.75	
						146.65cum	
					@	9981.34/cum	1461670:00

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
17)	Lead for disposal of debris means including loading an	

Certificate:-
Certified that the

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
(4.70 + 4.45)	0.025	3.45	
(3.51 + 3.06)	0.025	3.79	
(3.6 + 4.8)	0.025	1.74	
(3.0 + 3.2)	0.025	3.83	
(3.2 + 4.3)	0.025	3.64	
(3.5 + 4.8)	0.025	3.53	
(4.8 + 5.1)	0.025	2.75	
		146.65 cu.m	
	@	9981.38/cu.m	1461670=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190670

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
17)	Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading etc. complete						
		Qty vide Item No. 1				1042.73 cu.m	
					@	72.71/cu.m	75817=00
							52,77,678=00
							52427794=
		Add KRIDL charges @				11%	580545=00
							577252=00
		TPI charges @				1%	52777=00
							5,98,122=00
	Certificate:-						582=05/-
	Certified that the work done is satisfactory						

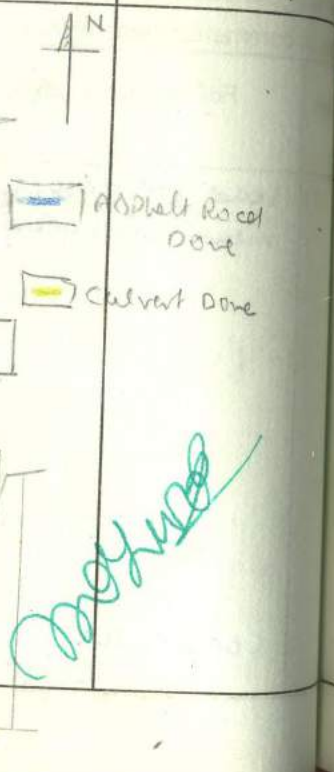
Assistant Executive Engineer
Byatarayanapura Sub Division
BBMP Bangalore

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪವಿಭಾಗ

NT BOOK

nensions		Contents	Reference to last Measurement
Breadth	Depth	7	8
5	6		

done Spot:-



30/5/14.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190671

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					IT- 116501		
					MST- 237002		
					FST- 378628		
					LWC- 58251		
					CSP- 5825		
					ROY- 88667		
					FINE- 2000		
					TOTAL- 882870=00		

ಬಿಲ್ಲು ಮೊತ್ತವು ರೂ. 582501=00

ಗುತ್ತಿಗೆದಾರನು ಮಾಡಿದ ಇದುವರೆಗಿನ ಕೆಲಸದ ಮೊತ್ತವು ರೂ. 882870=00

ಹಿಂದಿನಂತೆ ಮುಂದಿಕೊಂಡುಬರುವ ಬಾಕಿ ಮೊತ್ತವು ರೂ. 49V2181=00

ಮೇಲೆ ಮುಟ್ಟಿರುವಂತೆ ಬಿಟ್ಟಲಾಗಿದೆ

ತಿಂಗಳಿಗೆ ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು

ಮಾಪನದಾರರು ಕಿರಿಯ ಎಂಜಿನಿಯರ್

ಸಹಾಯಕ ಎಂಜಿನಿಯರ್ ಗಳು

ಕಾರ್ಯನಿರ್ವಾಹಕ ಎಂಜಿನಿಯರ್